

1: AF224278. Homo sapiens PMEP...[gi:9255808]

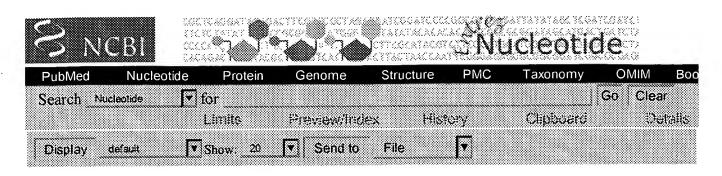
Links

```
PRI 18-JUL-2000
            AF224278
                                     1141 bp
                                                mRNA
                                                        linear
LOCUS
            Homo sapiens PMEPA1 protein (PMEPA1) mRNA, complete cds.
DEFINITION
ACCESSION
            AF224278
            AF224278.1 GI:9255808
VERSION
KEYWORDS
            Homo sapiens (human)
SOURCE
  ORGANISM
            Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
            1. (bases 1 to 1141)
REFERENCE
            Xu,L.L., Shanmugam, N., Segawa, T., Sesterhenn, I.A., McLeod, D.G.,
  AUTHORS
            Moul, J.W. and Srivastava, S.
            A novel androgen-regulated gene, PMEPA1, located on chromosome
  TITLE
            20q13 exhibits high level expression in prostate
            Genomics 66 (3), 257-263 (2000)
  JOURNAL
             20334621
  MEDLINE
             10873380
   PUBMED
REFERENCE
               (bases 1 to 1141)
            Xu,L.L., Shanmugam, N., Segawa, T., Sesterhenn, I.A., McLeod, D.G.,
  AUTHORS
            Moul, J.W. and Srivastava, S.
  TITLE
            Direct Submission
            Submitted (12-JAN-2000) CPDR, USUHS, 1530 East Jefferson Street,
  JOURNAL
            Rockville, MD 20852, USA
FEATURES
                     Location/Qualifiers
                      1..1141
     source
                      /organism="Homo sapiens"
                      /mol_type="mRNA"
                      /db xref="taxon:9606"
                      /chromosome="20"
                      /map="20q13.31-13.33"
                      /cell line="LNCaP"
                      1..1141
     gene
                      /gene="PMEPA1"
                      96..854
     CDS
                      /gene="PMEPA1"
                      /note="type 1b transmembrane protein; expression is
                      induced in response to the synthetic androgen, R1881;
                      expression is abundant in, and restricted to, prostate
                      glandular epithelial cells; similar to the predicted
                      protein encoded by sequence deposited at GenBank Accession
                      Number NP 004329"
                      /codon start=1
                      /product="PMEPA1 protein"
                     /protein id=" AAF86322.1"
                      /db xref="GI:9255809"
                      /translation="MAELEFVQIIIIVVVMMVMVVVITCLLSHYKLSARSFISRHSQG
                      RRREDALSSEGCLWPSESTVSGNGIPEPQVYAPPRPTDRLAVPPFAQRERFHRFQPTY
                      PYLQHEIDLPPTISLSDGEEPPPYQGPCTLQLRDPEQQLELNRESVRAPPNRTIFDSD
                      LMDSARLGGPCPPSSNSGISATCYGSGGRMEGPPPTYSEVIGHYPGSSFQHQQSSGPP
                      SLLEGTRLHHTHIAPLESAAIWSKEKDKQKGHPL"
```

```
184 t
               271 a
                       350 c
                                336 g
BASE COUNT
ORIGIN
       1 teettgggtt egggtgaaag egeetggggg ttegtggeea tgateeeega getgetggag
      61 aactgaaggc ggacagtctc ctgcgaaacc aggcaatggc ggagctggag tttgttcaga
     121 tcatcatcat cgtggtggtg atgatggtga tggtggtggt gatcacgtgc ctgctgagcc
     181 actacaagct gtctgcacgg tccttcatca gccggcacag ccaggggcgg aggagagaag
     241 atgccctgtc ctcagaagga tgcctgtggc cctcggagag cacagtgtca ggcaacggaa
     301 teccagagee geaggtetae geecegeete ggeecacega eegeetggee gtgeegeeet
     361 tegeceageg ggagegette cacegettee ageceaceta teegtacetg cageacgaga
     421 tcgacctgcc acccaccatc tcgctgtcag acggggagga gcccccaccc taccagggcc
     481 cctgcaccct ccagcttcgg gaccccgagc agcagctgga actgaaccgg gagtcggtgc
     541 gcgcaccccc aaacagaacc atcttcgaca gtgacctgat ggatagtgcc aggctgggcg
     601 gcccctgccc ccccagcagt aactcgggca tcagcgccac gtgctacggc agcggcgggc
     661 gcatggaggg gccgccgccc acctacagcg aggtcatcgg ccactacccg gggtcctcct
     721 tccagcacca gcagagcagt gggccgccct ccttgctgga ggggacccgg ctccaccaca
     781 cacacatege geceetagag agegeageea tetggageaa agagaaggat aaacagaaag
     841 gacaccetet etagggteee caggggggee gggetgggge tgegtaggtg aaaaggeaga
     901 acactccgcg cttcttagaa gaggagtgag aggaaggcgg ggggcgcagc aacgcatcgt
     961 gtggccctcc cctcccacct ccctgtgtat aaatatttac atgtgatgtc tggtctgaat
    1081 tttgttgagc tgtgtcttga aggcaaaaga aaaaaaattt ctacagtaaa aaaaaaaaa
    1141 a
```

<u>Disclaimer</u> | Write to the Help Desk NCBI | NLM | NIH

War evaluations



1: BQ641849. AGENCOURT_8287174...[gi:21766021]

Links

IDENTIFIERS

dbEST Id:

12791631

EST name:

AGENCOURT 8287174

GenBank Acc:

BQ641849

GenBank gi:

21766021

CLONE INFO

Clone Id:

IMAGE: 6292265 (5')

Plate:

LLCM2493 Row: g Column: 18

DNA type:

CDNA

PRIMERS

PolyA Tail:

Unknown

SEQUENCE

GAGCTGGAGTTTGTTCAGATCATCATCATCGTGGTGGTGATGATGGTGGTGGTGGTG ATCACGTGCCTGCTGAGCCACTACAAGCTGTCTGCACGGTCCTTCATCAGCCGGCACAGC CAGGGGCGGAGGAGAGATGCCCTGTCCTCAGAAGGATGCCTGTGGCCCTCGGAGAGC ACAGTGTCAGGCAACGGAATCCCAGAGCCGCAGGTCTACGCCCCGCCTCGGCCCACCGAC $\tt CGCCTGGCCGTGCCGCCCTTCGCCCAGCGGGAGCGCTTCCACCGCTTCCAGCCCACCTAT$ CCGTACCTGCAGCACGAGATCGACCTGCCGCCCACCATCTCGCTGTCAGACGGGGAGGAG CCCCACCTACCAGGGCCCCTGCACCTCCAGCTTCGGGACCCCGAGCAGCAGCTGGAA CTGAACCGGGAGTCGGTGCGCGCACCCCCAAACAGAACCATCTTCGACAGTGACCTGATG GATAGTGCCAGGCTGGGCGGCCCCTGCCCCCCAGCAGTAACTCGGGCATCAGCGCCACG TGCTACGGCAGCGGCGGCGTATGGAGGGGCCGCCGCCCACCTACAGCGAGGTCATCGGC CACTACCCGGGGTCCTCCTTCCAGCACCAGCAGAGCAGTGGGCCGCCCTCCTTGCTGGAG GGGACCCGGCTCCACCACACACACCCCCTAGAGAGCGCAGCCATCTGGAGGCAA GAGAAGGATAAACAGAAAGGACACCCTCTCTAGGGTCCCCAGGGGGGCCCGGGGCTGGGGC TTGCCTAAGGGAAAAAGGCACAACCCTCCCGCGCCTTCTTAAAAAGAGGGTGGAAACGGC AGGCCGGCGGCACGCACAAGCTAATGGGGGTGGGCCTTTCCCGGTCCACATTGCCTGG TGGGCAAAAGTATATTCACATCGGGCGCGGCCGCGCCCCGTACCGTGCCCAACCCTACAA

CCGGACT

Quality:

High quality sequence stops at base: 571

Entry Created: Last Updated: Jul 8 2002 Jul 15 2002

COMMENTS

Tissue Procurement: ATCC

cDNA Library Preparation: Rubin Laboratory

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov

LIBRARY

Lib Name: Organism:

NIH_MGC_43 Homo sapiens

Organ:

eye

Tissue type:

normal pigmented retinal epithelium

Lab host: Vector: DH10B (phage-resistant) pOTB7

R. Site 1: R. Site 2:

XhoI EcoRI

Description:

cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC Library.

SUBMITTER

Name: E-mail: Robert Strausberg, Ph.D. cgapbs-r@mail.nih.gov

CITATIONS

Title:

National Institutes of Health, Mammalian Gene Collection

(MGC)

Authors:

NIH-MGC http://mgc.nci.nih.gov/

Year:

1999

Status:

Unpublished

MAP DATA

Disclaimer | Write to the Help Desk NCBI | NLM | NIH

William State \$15,444.50